ABSTRACT OF THE DISCLOSURE

In a multi-processor, multi-memory system, a technique designates portions of a local memory as being regions to be shadowed. A shadow control unit detects write operations to those regions designated for shadowing. The shadow control unit then executes a cloning of a write operation designated for a local memory region to be shadowed and provides the cloned data to a memory space in system memory which corresponds to the local memory region which is being shadowed.

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